

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-274134

(43)Date of publication of application : 30.09.1994

(51)Int.Cl. G09G 3/36  
G06F 3/147  
G06F 15/16  
G06F 15/16

(21)Application number : 05-065752 (71)Applicant : SEIKO INSTR INC

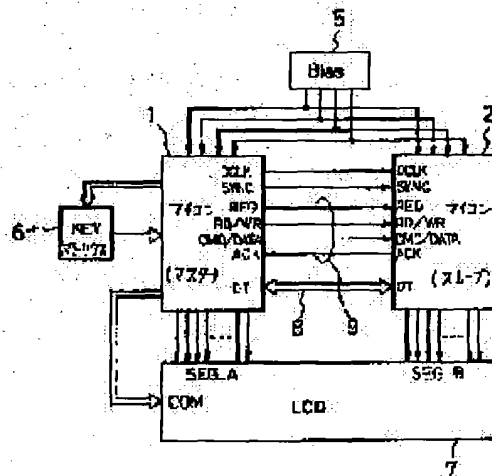
(22)Date of filing : 24.03.1993 (72)Inventor : NOGAWA SHINICHI

## (54) ONE-CHIP MICROCOMPUTER WITH INCORPORATED LIQUID CRYSTAL DISPLAY DRIVER

### (57)Abstract:

PURPOSE: To increase the number of liquid crystal display pixels at low cost.

CONSTITUTION: One microcomputer is given plural states and many pixel displays are made by driving plural microcomputers at the same time. The microcomputers 1 and 2 are used distinctively for a master mode and a slave mode respectively and the multiple driving of one LCD 7 is performed by the two microcomputers. Plural microcomputers are used to constitute one liquid crystal display system, so the cost is reduced by mass-production effect and one microcomputer need not be equipped with specially many segment terminals, so the cost of package mounting may be low.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office